BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2019-20/OW/WORK_INDENT37126

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/11/2019-20, Date: 11.07.2019

Name of Work:Drilling of Borewell, Providing and Installing Pump, Motor and other accessories in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K V Subba Reddy	
				In Figures	In Words
1	5	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW	1616.6	Rupees One Thousand Six Hundred Sixteen and Sixty Paise Only
2	250	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr	262.8	Rupees Two Hundred Sixty Two and Eighty Paise Only
3	250	50 to 100 m	Rmtr	343.6	Rupees Three Hundred Forty Three and Sixty Paise Only
4	250	100 to 150 m	Rmtr	382.26	Rupees Three Hundred Eighty Two and Twenty Six Paise Only
5	250	150 to 200 m	Rmtr	403.7	Rupees Four Hundred Three and Seventy Paise Only
6	250	200 to 250 m	Rmtr	467.3	Rupees Four Hundred Sixty Seven and Thirty Paise Only
7	250	250 to 300 m	Rmtr	500.8	Rupees Five Hundred and Eighty Paise Only
8	350	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1105.0	Rupees One Thousand One Hundred Five Only

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9	2700	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	105.6	Rupees One Hundred Five and Sixty Paise Only
10	225	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	Each	73.3	Rupees Seventy Three and Thirty Paise Only
11	5	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work	Each	251.8	Rupees Two Hundred Fifty One and Eighty Paise Only
12	150	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	117.0	Rupees One Hundred Seventeen Only
13	150	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	9.0	Rupees Nine Only
14	125	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	70.8	Rupees Seventy and Eighty Paise Only
15	20	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	287.7	Rupees Two Hundred Eighty Seven and Seventy Paise Only
16	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No	233.5	Rupees Two Hundred Thirty Three and Fifty Paise Only
17	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, etc., complete and as per the directions of the Engineer-in-charge of the work	No	2274.3	Rupees Two Thousand Two Hundred Seventy Four and Thirty Paise Only
18	30	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No	150.12	Rupees One Hundred Fifty and Twelve Paise Only

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19	5	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN etc., complete and as per the directions of the Engineer-in-charge of the work	No	1290.1	Rupees One Thousand Two Hundred Ninety and Ten Paise Only
20	117000	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	0.27	and Twenty Seven Paise Only
21	843.75	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	156.79	Rupees One Hundred Fifty Six and Seventy Nine Paise Only
22	1875	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	102.58	Rupees One Hundred Two and Fifty Eight Paise Only
23	843.75	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	50.87	Rupees Fifty and Eighty Seven Paise Only
24	90	Code No.: 3008 Providing 250mm dia PVC Pipe 10kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1837.6	Rupees One Thousand Eight Hundred Thirty Seven and Sixty Paise Only
25	5	Providing and fixing Borewell Cap and Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work	Set	1501.2	Rupees One Thousand Five Hundred One and Twenty Paise Only
26	5	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work	No	47049.2	Rupees Forty Seven Thousand Forty,Nine and Twenty Paise Only
27	1300	Providing GI Pipe 50 mm 'B' Class etc., complete and as per the directions of the Engineer-in-charge of the work	m	346.11	Rupees Three Hundred Forty Six and Eleven Paise Only
28	220	Providing Collar 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	No	150.12	Rupees One Hundred Fifty and Twelve Paise Only

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29	5	Providing and fixing 50mm nominal bore gun metal non-return etc., complete and as per the directions of the Engineer-in-charge of the work	No	1501.2	Rupees One Thousand Five Hundred One and Twenty Paise Only
30	5	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.- for 50mm dia: etc., complete and as per the directions of the Engineer-in-charge of the work	Each	185.64	Rupees One Hundred Eighty Five and Sixty Four Paise Only
31	5	Providing outdoor panel upto 15.00 HP etc., complete and as per the directions of the Engineer-in-charge of the work	No	12927.0	Rupees Twelve Thousand Nine Hundred Twenty Seven Only
32	25	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	1859.13	Rupees One Thousand Eight Hundred Fifty Nine and Thirteen Paise Only

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